

Application Serial No. 09/852,959,253  
Amendment A  
Reply to Office Action of January 31, 2005

**Amendments to the Claims:**

**This listing of claims will replace all prior versions and listings of claims in the above-identified application:**

**Listing of Claims:**

1-6 (Canceled)

7. (New) A method of displaying status information for a machine via a web interface between said machine and a web server, said method comprising:  
maintaining status data for said machine utilizing said machine;  
receiving a request from a user to view a web page comprising said status information;  
and  
causing said web page to be displayed to said user utilizing said web server in response to said receiving in order to reduce an amount of processing work required by said machine, wherein said causing comprises  
generating a new markup language file in response to a determination that said status data has been previously updated, and  
transmitting said new markup language file to said user in response to said generating.
8. (New) The method of claim 7, said method further comprising storing said new markup language file for use until said status data is updated.
9. (New) The method of claim 8, wherein said storing comprises at least one of: storing said new markup language file on a hard disk drive and locally caching said new markup language file.
10. (New) The method of claim 7, wherein said causing further comprises:  
accessing a existing markup language file in response to a determination that said status data has not been previously updated; and  
transmitting said existing markup language file to said user in response to said accessing.

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11. (New) The method of claim 7, wherein  
said maintaining comprises updating said status data in response to each change of status  
of said machine, and  
said causing comprises inhibiting said generating until said request is received.
12. (New) The method of claim 7, wherein  
said request comprises data specifying a requested human language, and  
said generating comprises generating said new markup language file in only said  
requested human language.
13. (New) The method of claim 12, wherein  
said data specifying said requested human language comprises data specifying a plurality  
of requested human languages, and  
said generating comprises generating said new markup language file in only each of said  
plurality of requested human languages.
14. (New) The method of claim 7, wherein said machine comprises an automated tape  
library.
15. (New) A data processing system for displaying machine status information comprising:  
a machine configured to maintain status data specifying a status of said machine;  
a web server coupled to said machine via a web interface, wherein said web server  
comprises  
means for receiving a request from a user to view a web page comprising said  
machine status information,  
means for causing said web page to be displayed to said user in response to said  
request in order to reduce an amount of processing work required by said  
machine, wherein means for said causing comprises  
means for generating a new markup language file in response to a  
determination that said status data has been previously updated,  
and  
means for transmitting said new markup language file to said user.

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16. (New) The data processing system of claim 15, further comprising means for storing said new markup language file for use until said status data is updated.

17. (New) The data processing system of claim 16, wherein said means for storing comprises at least one of: means for storing said new markup language file on a hard disk drive and means for locally caching said new markup language file.

18. (New) The data processing system of claim 15, wherein said means for causing further comprises:

means for accessing a existing markup language file in response to a determination that said status data has not been previously updated; and  
means for transmitting said existing markup language file to said user.

19. (New) The data processing system of claim 15, wherein  
said means for maintaining comprises means for updating said status data in response to each change of status of said machine, and  
said means for causing comprises means for inhibiting a generation of said new markup language file until said request is received.

20. (New) The data processing system of claim 15, wherein  
said request comprises data specifying a requested human language, and  
said means for generating comprises means for generating said new markup language file in only said requested human language.

21. (New) The data processing system of claim 15, wherein said machine comprises an automated tape library.

22. (New) A computer-readable medium encoded with a computer program, which when executed by a processor, causes said processor to implement a method of displaying status information for a machine via a web interface between said machine and a web server, said method comprising:

maintaining status data for said machine utilizing said machine;

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receiving a request from a user to view a web page comprising said status information;  
and  
causing said web page to be displayed to said user utilizing said web server in response to  
said receiving in order to reduce an amount of processing work required by said  
machine, wherein said causing comprises  
generating a new markup language file in response to a determination that said  
status data has been previously updated, and  
transmitting said new markup language file to said user in response to said  
generating.

23. (New) The computer-readable medium of claim 22, said method further comprising  
storing said new markup language file for use until said status data is updated.

24. (New) The computer-readable medium of claim 22, wherein said causing further  
comprises:  
accessing a existing markup language file in response to a determination that said status  
data has not been previously updated; and  
transmitting said existing markup language file to said user in response to said accessing.

25. (New) The computer-readable medium of claim 22, wherein  
said maintaining comprises updating said status data in response to each change of status  
of said machine, and  
said causing comprises inhibiting said generating until said request is received.

26. (New) The computer-readable medium of claim 22, wherein  
said request comprises data specifying a requested human language, and  
said generating comprises generating said new markup language file in only said  
requested human language.